EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|-------|---|---|---------------------|---------|---------------------|
| S1 | 2 | "20080051470" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 08:12 |
| \$2 | 0 | (propylenglycol near2 octanoate) same cosmetic? | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:11 |
| æ | 0 | (propyleneglycol near2 octanoate) same (cosmetic? or skin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:12 |
| S4 | 0 | propyleneglycol near2 octanoate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:12 |
| S 5 | 22 | propylene near2 glycol near2 octanoate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:12 |
| S6 | 0 | propylene near2 glycol near2 capryloate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:21 |
| S7 | 0 | pentaerythritol near2 tetradecanoate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:21 |
| \$8 | 88170 | pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:22 |

| S9 | 0 | S8 same plamitonate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:22 |
|-----|-------|---|---|----|----|---------------------|
| S10 | 27 | S8 same tetradecanoic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2008/07/08 10:23 |
| S11 | 387 | S8 same hexanoate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:25 |
| S12 | 1 | S11 same heptadecanoate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:26 |
| S13 | 14753 | S8 near4 ester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:29 |
| S14 | 6 | S13 near3 nonanoate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:30 |
| S15 | 629 | S13 same (hexanoate or octanoate or nonanoate or decanoate or dodecanoate or tetradecanoate or hexadecanoate or heptadecanoate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:31 |
| S16 | 540 | S15 and (cosmetics or skin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:32 |
| S17 | 346 | S16 and (melting near2 point) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:33 |
| S18 | 346 | S17 and mixture | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:33 |

| S19 | 12996 | pentaerythritol near3 ester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:44 |
|------|-------|---|---|----|----|---------------------|
| S20 | 2896 | S19 and (cosmetics or skin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:45 |
| S21 | 743 | \$20 and (hexanoate or octanoate or nonanoate or decanoate or dodecanoate or tetradecanoate or hexadecanoate or heptadecanoate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:45 |
| S22 | 624 | S19 same (hexanoate or octanoate or nonanoate or decanoate or dodecanoate or tetradecanoate or heptadecanoate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:47 |
| S23 | 539 | S22 and (cosmetics or skin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:47 |
| S24 | 0 | S23 and ((mono near2 ester) and (di near2 ester) and (tri near2 ester)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:50 |
| S25 | 24 | S23 and (monoester and diester and triester) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 10:51 |
| S26 | 0 | pentaerytherityl near3 ester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:07 |
| \$27 | 0 | pentaerytherityl same (hexanoate or octanoate or nonanoate or decanoate or dodecanoate or tetradecanoate or hexadecanoate or heptadecanoate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:08 |
| \$28 | 0 | pentaerytherityl near3 (hexanoate or octanoate or nonanoate or decanoate or dodecanoate or tetradecanoate or hexadecanoate or hexadecanoate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:08 |

| \$29 | 36 | pentaerythrityl near3 (hexanoate or octanoate or nonanoate or decanoate or dodecanoate or tetradecanoate or hexadecanoate or heptadecanoate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:08 |
|------------|-------|---|---|----|----|---------------------|
| S30 | 397 | pentaerythrityl near4 ester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:20 |
| S31 | 237 | S30 and cosmetics | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:20 |
| S32 | 132 | S31 not silicon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:21 |
| S33 | 26 | S31 not silicone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:22 |
| S34 | 158 | "4290337", "4113635", "4332702", "3976789", "5741919", "20030118621", "20040258721", "5374716", "5676425" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:38 |
| \$35 | 88170 | pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:40 |
| S36 | 62 | S34 and S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 11:40 |
| \$37 | 95 | "5374716" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 13:05 |
| S38 | 397 | pentaerythrityl near4 ester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 13:06 |

| S39 | 0 | S37 and S38 and S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; | OR | ON | 2008/07/08 13:06 |
|-------------|-------|--|---|----|-----|---------------------|
| \$40 | O | S37 and S38 | IBM_TDB US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; | OR | ON | 2008/07/08 13:06 |
| S41 | 12996 | pentaerythritol near3 ester | IBM_TDB US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 13:07 |
| S42 | 214 | S38 and S41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 13:07 |
| S43 | 162 | S42 and cosmetic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 13:07 |
| S44 | 5 | S43 not silicone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 13:08 |
| S45 | 56 | "5576425" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 13:10 |
| S46 | 16 | S45 and S41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 13:10 |
| S47 | 0 | ("s41same(hydrogennear2peroxide)").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/08 15:45 |
| S 48 | 12996 | pentaerythritol near3 ester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 15:46 |

| S49 | 36 | S48 same (hydrogen near2 peroxide) | US-PGPUB; | OR | ON | 2008/07/08 |
|-----|-----|--|---|----|-----|---------------------|
| | | | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | 15:46 |
| S50 | 0 | S48 same (prepare) same (hydrogen near2 peroxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 15:59 |
| S51 | 14 | S48 same (prepare) and (hydrogen near2 peroxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 15:59 |
| S52 | 36 | S49 not S51 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/08 16:03 |
| S53 | 230 | "2962419" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:52 |
| S54 | 3 | ("2962419").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/09 07:52 |
| S55 | 3 | ("2958706").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/09 07:53 |
| S56 | 22 | ((ULRICH) near2 (ISSBERNER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/09 08:10 |
| S57 | 20 | ((richard) near2 (nadolsky)).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:11 |
| S58 | 1 | S57 and pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:12 |

| S59 | 13 | ((prepara\$) same (pentaerythritol near3 ester) same (hydrogen near2 peroxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:24 |
|-----|-----|--|---|----|----|---------------------|
| S60 | 1 | ((prepara\$) with (pentaerythritol near3 ester) same (hydrogen near2 peroxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:26 |
| S61 | 0 | | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:27 |
| S62 | 0 | (prepara\$ with (pentaerythrityl near3 ester) same (hydrogen near2 peroxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:27 |
| S63 | 2 | (prepara\$ with (pentaerythrityl near3 ester)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:28 |
| S64 | 2 | ((pentaerythrityl near3 ester) with prepara \$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:29 |
| S65 | 397 | pentaerythrityl near4 ester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:30 |
| S66 | 237 | S65 and cosmetics | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:30 |
| S67 | 132 | S66 not silicon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:30 |
| S68 | 8 | S67 and (hydrogen near2 peroxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:30 |

| S69 | 123 | esterification with (hydrogen near2 peroxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:38 |
|------|-----|---|---|----|----|---------------------|
| S70 | 36 | S69 and (fatty near2 acid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 08:39 |
| S71 | 2 | "5864049" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/10 19:07 |
| S72 | 24 | ((ULRICH) near2 (ISSBERNER)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 08:53 |
| S73 | 3 | ((CATHERINE) near2 (WEICHOLD)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 08:54 |
| S74 | 77 | ((ACHIM) near2 (ANSMANN)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 08:54 |
| S75 | 17 | ((STEFAN) near2 (BRUENING)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 08:54 |
| S76 | 13 | ((HELGA) near2 (GONDEK)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/11 08:55 |
| S77 | 193 | esterification with alcohol with (inert near2 atmosphere) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 12:01 |
| S78 | 106 | esterification with polyol with (inert near2 atmosphere) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 12:01 |
| S79 | 4 | (esterification with (fatty near2 acid) with polyol) same (absen\$2 near3 catalyst) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 12:08 |
| \$80 | 150 | (direct near4 esterification) same pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 12:23 |
| S81 | 39 | S80 and (pentaerythritol near5 ester) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 12:23 |

| S82 | 8 | "4983328" | US-PGPUB; | OR | ON | 2008/12/09 |
|-----|-----|---|---|----|----|---------------------|
| | | | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | 12:35 |
| S83 | 74 | "4983329" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 12:36 |
| S84 | 38 | direct with esterification with (fatty near2 acid) with (polyhydric near2 alcohol) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 12:37 |
| S85 | 50 | direct with esterification with (fatty near acid) with (polyol of diol) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 12:44 |
| S86 | 110 | direct with esterification same propanediol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 12:57 |
| S87 | 8 | S86 same (inert near3 gas) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 13:03 |
| S88 | 161 | "4290337", "4113635", "4332702", "3976789", "5741919", "20030118621", "20040258721", "5374716", "5676425" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 15:31 |
| S89 | 62 | S88 and pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 15:31 |
| S90 | 36 | cosmetic and (pentaerythritol near6 diester) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 16:06 |
| S91 | 82 | cosmetic and (pentaerythritol near6 partial near3 ester) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 16:07 |

| S92 | 2508 | (pentaerythritol near4 ester) with mixture | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 16:15 |
|------|---------|--|---|----|----|---------------------|
| S93 | 1601 | S92 and (fatty near2 acid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 16:16 |
| S94 | 100 | S92 and (long near2 chain near3 fatty near2 acid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 16:16 |
| S95 | 50951 | (fatty near2 acid near5 mixture) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 17:03 |
| S96 | 1461 | S95 and ((melting near2 point) with 3 {d}) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 17:04 |
| S97 | 3179779 | (fatty nea2 acid near2 ester near "5" mixture) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 17:06 |
| S98 | 34887 | S97 and ((melting near2 point) with 3 {d}) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 17:07 |
| S99 | 2573 | S98 and (long near2 chain) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 17:08 |
| S100 | 1984 | S99 and @py<="2004" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 17:09 |
| S101 | 324 | S100 and pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 17:09 |

| S102 | 4 | ("4332702").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/09 17:52 |
|------|----|---|---|----|-----|---------------------|
| S103 | 2 | ("2975152").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/09 17:52 |
| S104 | 5 | ("2441555").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/09 17:53 |
| S105 | 3 | ("3177167").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/09 17:53 |
| S106 | 2 | ("6956125").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/09 17:53 |
| S107 | 2 | ("5304665").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/09 17:54 |
| S108 | 2 | ("5436006").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/09 17:54 |
| S109 | 5 | ("1951593").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/09 17:54 |
| S110 | 0 | ("bleachingwith(fattynear2acidnear2ester) with(hydrogennear2peroxide)"). PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/09 20:10 |
| S111 | 67 | bleach\$3 with (fatty near2 acid near2 ester) with (hydrogen near2 peroxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/09 20:11 |

| S112 | 603 | miranol and pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/10 09:03 |
|------|-------|-----------------------------|---|----|----|---------------------|
| S113 | 192 | S112 and toiletries | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/10 09:04 |
| S114 | 2 | "6432419" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/10 09:50 |
| S115 | 3 | "6939980" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 11:27 |
| S116 | 19 | "5290459" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 11:48 |
| S117 | 26 | "5732170" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 11:50 |
| S118 | 10 | "4207219" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 11:51 |
| S119 | 15 | "5723137" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 11:53 |
| S120 | 94140 | pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 11:53 |
| S121 | 3 | S119 and S120 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 11:53 |

| S122 | 4 | "6417254" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 11:56 |
|------|-------|---|---|----|----|---------------------|
| S123 | 3 | S122 and S120 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 11:56 |
| S124 | 28793 | palmitate with stearate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 12:03 |
| S125 | 5892 | S120 and S124 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 12:03 |
| S126 | 1203 | S120 same S124 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 12:03 |
| S127 | 869 | S120 with S124 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 12:04 |
| S128 | 471 | S127 and (cosmetic? or pharmaceutical?) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/23 12:04 |
| S129 | 0 | ((richard) near3 (nadoisky)).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 11:00 |
| S130 | 0 | ((richard) near4 (nadoisky)).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 11:00 |
| S131 | 6 | "5419842" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 11:20 |

| S132 | 2539 | \$3pentaerythritol with stearic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 11:48 |
|------|------|---|---|----|----|---------------------|
| S133 | 496 | S132 and cosmetic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 11:48 |
| S134 | 197 | S133 and melt\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 11:49 |
| S135 | 134 | S133 and (melt\$3 near5 point) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 11:49 |
| S136 | 0 | mixture same (polydric adj alcohol) same (long adj chain adj fatty adj acid?) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 14:28 |
| S137 | 105 | mixture same (pentaerythritol) same (long adj chain adj fatty adj acid?) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 14:28 |
| S138 | 0 | S137 and capric and lauric and palmtic and stearic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 14:29 |
| S139 | 0 | S137 and palmtic and stearic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 14:29 |
| S140 | 4 | (mixed adj ester?) same pentaerythritol same (capric and lauric and palmitic and stearic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 14:33 |
| S141 | 0 | "52888320" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 14:52 |

| S142 | 33 | "5288320" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; | OR | ON | 2009/05/26 14:52 |
|------|-----|----------------------------|---|----|----|---------------------|
| S143 | 13 | S142 and pentaerythritol | DERWENT; IBM_TDB US-PGPUB; | OR | ON | 2009/05/26 |
| | | , | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | 14:52 |
| S144 | 18 | "2427255" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 15:07 |
| S145 | 10 | S144 and pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 15:09 |
| S146 | 203 | neo adj fat | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 15:26 |
| S147 | 0 | S146 same petntaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 15:26 |
| S148 | 4 | S146 same pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 15:27 |
| S149 | 9 | "3953283" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 16:17 |
| S150 | 1 | S149 and S146 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 16:17 |
| S151 | 4 | "7101584" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 16:36 |

| S152 | 0 | S151 and S146 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; | OR | ON | 2009/05/26 16:37 |
|------|-------|--|---|----|----|---------------------|
| S153 | 122 | S146 and palmitic and stearic | DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; | OR | ON | 2009/05/26 16:40 |
| | | | FPRS; EPO; JPO; DERWENT; IBM_TDB | | | |
| S154 | 42 | S153 and pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 16:41 |
| S155 | 9 | "4510093" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/26 17:19 |
| S156 | 94171 | pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 09:32 |
| S157 | 1643 | S156 same (methyl near2 glucoside) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 09:32 |
| S158 | 53 | S157 same (palmatic or caproic or caprylic or lauric or stearic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 09:34 |
| S159 | 102 | S156 same ((methyl near2 glucoside) with surfactant) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:02 |
| S160 | 75 | S159 and cosmetic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:02 |
| S161 | 13 | S159 and cosmetic adj composition? | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:13 |

| S162 | 11730 | pentaerythritol near6 ester? | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:15 |
|------|-------|---|---|----|----|---------------------|
| S163 | 4889 | S162 and (palmatic or caproic or caprylic or capric or lauric or palmitic or stearic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:16 |
| S164 | 323 | S163 and (alkyl adj oligoglucoside?) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:17 |
| S165 | 244 | S164 and cosmetic? | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:17 |
| S166 | 244 | S165 and @py<="20040401" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:19 |
| S167 | 126 | S165 and @py<="2004" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:20 |
| S168 | 79 | S164 not S166 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:47 |
| S169 | 0 | S168 not ether | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:49 |
| S170 | 3341 | pentaerythritol with (palmatic or caproic or caprylic or capric or lauric or palmitic or stearic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:51 |
| S171 | 1 | S170 same (alkyl adj oligoglycoside?) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:51 |

| S172 | 2 | S170 same oligoglycoside? | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:53 |
|------|-------|------------------------------------|---|----|----|---------------------|
| S173 | 1673 | 510/475.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:53 |
| S174 | 4 | S173 and S170 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 10:53 |
| S175 | 2 | "6969980" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 21:06 |
| S176 | 3 | "6939980" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/05/27 21:07 |
| S177 | 10 | "3536810" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 10:33 |
| S178 | 30 | heptadecanoic same pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 10:36 |
| S179 | 5 | "7413744" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 11:55 |
| S180 | 7 | "3976789" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 12:07 |
| S181 | 98743 | pentaerythritol | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 12:28 |

| S182 | 438 | \$181 came coemetics not cilicon | US-PGPUB; | OR | ON | 2010/01/23 |
|------|-------|---|---|----|----|---------------------|
| J102 | 430 | S181 same cosmetics not silicon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | On | UN | 12:28 |
| S183 | 283 | S182 and @ay<="2004" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 12:29 |
| S184 | 39 | S183 and (pentaerythritol near3 ester?) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 12:30 |
| S185 | 10406 | 424/69,401,365,70.11,70.19.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 13:09 |
| S186 | 1318 | S181 and S185 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 13:11 |
| S187 | 129 | S186 and (partial near8 ester?) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 13:11 |
| S188 | 99 | S187 and @ay<="2004" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 13:15 |
| S189 | 1745 | S181 same monoester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 14:01 |
| S190 | 743 | S181 same monoester same diester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 14:01 |
| S191 | 292 | S190 and (cosmetic? or pharmaceutical) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 14:02 |

| S192 | 214 | S191 and @ay<="2004" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 14:02 |
|------|-----|--|---|----|----|---------------------|
| S193 | 171 | S192 not S188 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 14:02 |
| S194 | 37 | (pentaerythritol near6 monoester) and cosmetic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/23 14:11 |

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1/23/2010 5:26:24 PM

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